

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (Previously presented) A method for treating an infected implant area of a knee joint, the method comprising:
 - surgically accessing the implant area;
 - inserting a tibial component into the tibia using an antibiotic-impregnated material, wherein the tibial component comprises a tray, a central stem that is inserted into a opening in the tibia and a posterior stabilizing protrusion, and wherein the antibiotic-impregnated material is placed onto the central stem so as to be within the opening in the tibia, wherein placement of the central stem into the opening in the tibia provides stability to the tibial component while attached to the tibia;
 - forming a femoral component that is configured to interact with the tibial component, wherein the femoral component is formed of an antibiotic-impregnated material using a mold, and wherein the femoral component comprises a single integral piece that is constructed of two outer surfaces that are spaced apart from each other by a center section having a recess to form a one-piece structure that resurfaces the entire distal femur;
 - attaching the femoral component to the femur using an antibiotic-impregnated material; and
 - interfacing the tibial component with the femoral component by placing the posterior stabilizing protrusion of the tibial component into the recess of the femoral component, with the two outer surfaces of the femoral component resting on the tray to form a temporary knee joint capable of treating an infection and reducing the spread of infection while permitting movement of the knee joint, with the two outer surfaces, recess and protrusion providing anterior and posterior as well as lateral and medial stability to the knee joint and maintaining the knee joint space, thereby reducing scarring and thus facilitating final implantation.

2. (Original) A method as in claim 1, wherein the tibial component comprises a generally smooth articulating element that interfaces with the femoral component to minimize wear on the femoral component.

3. (Original) A method as in claim 2, wherein the tibial component is constructed of polyethylene.

4. (Original) A method as in claim 1, wherein the femoral component is sized and formed while the implant area is accessible.

5. (Original) A method as in claim 4, wherein the step of forming the femoral component further comprises mixing a bone cement in powder form with at least one powdered antibiotic and adding a liquid activating agent to form the antibiotic-impregnated material.

6. (Original) A method as in claim 5, wherein the step of forming the femoral component further comprises pressing the antibiotic-impregnated material into the mold to form the antibiotic-impregnated material in the shape of the femoral component and then removing the mold and permitting the femoral component to harden.

7. (Original) A method as in claim 1, wherein the femoral component is formed into the shape of an articulating femoral prosthesis.

8. (Original) A method as in claim 1, further comprising re-accessing the implant area after the infection has been treated, removing the femoral and tibial components and inserting a femoral prosthesis and a tibial prosthesis.

9. (Original) A method as in claim 1, further comprising removing any infected total knee replacement implants after accessing the implant area.

10. (Original) A method as in claim 1, further comprising trimming the femoral component after removing it from the mold.

Claims 11-12 (Canceled).

13. (Currently Amended) A method for treating an infected implant area of a knee joint, the method comprising:

surgically accessing the implant area;

removing an infected total knee replacement implants;

inserting a tibial component into the tibia using an antibiotic-impregnated material, wherein the tibial component comprises a tray, a central stem that is inserted into a opening in the tibia and a posterior stabilizing protrusion, and wherein the antibiotic-impregnated material is placed onto the central stem so as to be within the opening in the tibia, wherein placement of the central stem into the opening in the tibia provides stability to the tibial component while attached to the tibia;

forming a one-piece femoral component that is configured to interact with the tibial component, wherein the femoral component is formed of an antibiotic-impregnated material using a mold while the implant area is accessible and wherein the femoral component comprises a single integral piece that is constructed of two outer surfaces that are spaced apart from each other and connected by a center section having a recess;

attaching the femoral component to the femur using an antibiotic-impregnated material with the femoral component resurfacing the entire distal femur; and

interfacing the tibial component with the femoral component by placing the posterior stabilizing protrusion of the tibial component into the recess of the femoral component, with the two outer surfaces resting on the tray to form a temporary knee joint capable of reducing the spread of infection while permitting movement of the knee joint with the two outer surfaces, recess and protrusion providing anterior, posterior as well as lateral and medial stability to the knee joint.

14. (Original) A method as in claim 13, wherein the tibial component comprises a generally smooth articulating element that interfaces with the femoral component to minimize wear on the femoral component.

15. (Original) A method as in claim 14, wherein the tibial component is constructed of polyethylene.

16. (Original) A method as in claim 13, wherein the step of forming the femoral component further comprises mixing a bone cement in powder form with a powdered antibiotic and adding a liquid activating agent to form the antibiotic-impregnated material.

17. (Original) A method as in claim 16, wherein the step of forming the femoral component further comprises pressing the antibiotic-impregnated material into the mold to form the antibiotic-impregnated material in the shape of the femoral component and then removing the mold and permitting the femoral component to harden.

18. (Original) A method as in claim 13, wherein the femoral component is formed into the shape of an articulating femoral prosthesis.

19. (Original) A method as in claim 13, further comprising re-accessing the implant area after the infection has been treated, removing the femoral and tibial components and inserting a permanent revision femoral prosthesis and a tibial prosthesis.

20. (Original) A method as in claim 13, further comprising trimming the femoral component after removing it from the mold.